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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY

Attorney Docket No. **X-14911A**

PATENT APPLICATION

First Named Inventor or Application Identifier

TRANSMITTAL

Mark Laurence Brader

For new nonprovisional applications under
37 CFR 1.53(b)

Express Mail Label No.

EL832894580US

Application Elements

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria, VA 22313-14501. ☒ Fee Transmittal Form (Submit an original, and a duplicate for fee processing)6. ☐ Microfiche Computer Program (Appendix)2. ☒ Specification [Total 54 Pages]
(preferred arrangement set forth below)

7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

- Abstract of the Disclosure

3. ☒ Drawing(s) (35 USC 113) [Total 1 Sheets]

4. Oath or Declaration [Total Pages]

- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below]

- i. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d) (2) and 1.33(b).

5. ☐ Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

ACCOMPANYING APPLICATION PARTS

- 8. ☐ Assignment Papers (cover sheet & document(s))
- 9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- 10. ☐ English Translation Document (if applicable)
- 11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- 12. ☐ Preliminary Amendment
- 13. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- 14. ☐ Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired
- 15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- 16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☒ Continuation-in part (CIP) of prior application No. PCT/US02/37602

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

(Insert Customer No. Or Attach bar code label here)

or

Correspondence address below

Eli Lilly and Company

ADDRESS

Patent Division
P.O. Box 6288

25885

PATENT TRADEMARK OFFICE

CITY	Indianapolis	STATE	Indiana	ZIP CODE	46206-6288
COUNTRY	U.S.A.	TELEPHONE	317-651-1527	FAX	317-276-5172

SUBMITTED BY

Typed or Printed Name **Thomas E. LaGrandeur**

Complete (if applicable)

Reg. Number **51,026**Signature *Thomas E. LaGrandeur*Date **June 19, 2003**"Express Mail" mailing label number **EL832894580US**Date of Deposit **6-20-03**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450.

Printed Name **Thomas E. LaGrandeur**Signature *Thomas E. LaGrandeur*

06/20/03

Approved for use through 09/30/00. OMB 0651-0052

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL

Note: Effective November 10, 1997.

Patent fees are subject to annual revision.

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Mark Laurence Brader
Group Art Unit	
Examiner Name	
Attorney Docket Number	X-14911A

TOTAL AMOUNT OF PAYMENT (\$1966.00)

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 05-0840

Deposit Account Name: Eli Lilly and Company

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	750	201	375	Utility filing fee	750
106	330	206	165	Design filing fee	
107	520	207	260	Plant filing fee	
108	750	208	375	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$750.00)

2. CLAIMS

Total Claims	Extr a	Fee from below	Fee Paid
72	-20**=	52	X 18 = 936
2	-3**=	0	X 84 = -0-
Multiple Dependent Claims (first time)		X 280	= 280

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim
109	84	209	42	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$1216.00)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge-late filing fee or oath	
127	50	227	25	Surcharge-late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	410	216	205	Extension for reply within second month	
117	930	217	465	Extension for reply within third month	
118	1,450	218	725	Extension for reply within fourth month	
128	1,970	228	985	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive-unavoidable	
141	1,300	241	650	Petition to revive-unintentional	
142	1,300	242	650	Utility issue fee (or reissue)	
143	470	243	235	Design Issue Fee	
144	630	244	315	Plant Issue Fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt.	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	750	246	375	Filing a submission after final rejection (37 CFR 1.129(a))	
149	750	249	375	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)-0-

SUBMITTED BY

Typed or Printed Name: Thomas E. LaGrandeur

Signature: *Thomas E. LaGrandeur*

"Express Mail" mailing label number: EL832894580US

Date of Deposit: 6-20-03

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Printed Name: QUEEN

Signature: *Thomas*